

WHAT IS CLAIMED IS:

1. A process cartridge that is detachably mountable to a main body of an electrophotographic image forming apparatus, the process cartridge

5 comprising:

an electrophotographic photosensitive drum;

a developing roller for developing an electrostatic latent image formed on the electrophotographic photosensitive drum;

10 a developing contact portion which, when the process cartridge is mounted to the main body, contacts a main-body-side developing contact portion of the main body for applying a voltage to the developing roller;

15 a developing blade for regulating an amount of developer on a peripheral surface of the developing roller;

a supporting member for supporting the developing blade;

20 a developing frame that rotatably supports the developing roller, and that supports the supporting member;

a drum frame that rotatably supports the electrophotographic photosensitive drum and that
25 is connected to the developing frame, wherein a connection between the developing frame and the drum frame is established so that the developing

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frame and the drum frame are rockable with respect to each other; and

5 a biasing member that is attached to at least one end side of the supporting member in a lengthwise direction of the developing roller to bias the developing roller toward the electrophotographic photosensitive drum, the biasing member being in contact with the developing contact portion, wherein the biasing
10 member applies a voltage received from the main body by the developing contact portion to the supporting member so that a potential of the developing roller is the same as a potential of the supporting member.

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2. A process cartridge according to Claim 1, wherein a side of the biasing member opposite to a side on which the biasing member is attached to the supporting member is attached to the drum
20 frame.

3. A process cartridge according to Claim 1, wherein each of the biasing member and the supporting member is made of a conductive material.

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4. A process cartridge according to any one of Claims 1-3, wherein the one end side of the

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supporting member protrudes from a side end portion of the developing frame on the one end side in the lengthwise direction of the developing roller.

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5. A process cartridge according to any one of Claims 1-3, wherein the biasing member is an extension coil spring, and an end portion of the biasing member on a side opposite to a side on which the biasing member is attached to the supporting member includes a portion that contacts the developing contact portion.

6. A process cartridge that is detachably mountable to a main body of an image forming apparatus, the process cartridge comprising:

an electrophotographic photosensitive drum;
a developing roller for developing an electrostatic latent image formed on the electrophotographic photosensitive drum;

a developing contact portion which, when the process cartridge is mounted to the main body, contacts a main-body-side developing contact portion of the main body for applying a voltage to the developing roller;

a developing blade for regulating developer on a surface of the developing roller;

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a supporting member to which the developing blade is fixed;

a developing frame that rotatably supports the developing roller, and that supports the
5 supporting member;

a developer containing frame that contains developer to be supplied to the developing roller;

a drum frame that rotatably supports the electrophotographic photosensitive drum and that
10 is connected to the developing frame, wherein the connection between the developing frame and the drum frame is established so that the developing frame and the drum frame are rockable with respect to each other;

15 a first end cover that is positioned on one end side in a lengthwise direction of the electrophotographic photosensitive drum to perform positioning of at least the drum frame and the developer containing frame, the first end cover
20 provided with the developing contact portion;

a second end cover that is positioned on the other end side in the lengthwise direction of the electrophotographic photosensitive drum to perform positioning of at least the drum frame and
25 the developer containing frame; and

a biasing member that is attached to at least one end side of the supporting member in a

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lengthwise direction of the developing roller to bias the developing roller toward the electrophotographic photosensitive drum, the biasing member being in contact with the

5 developing contact portion, wherein each of the biasing member and the supporting member is made of a conductive material and the biasing member applies a voltage received from the main body by the developing contact portion to the supporting

10 member so that a potential of the developing roller is the same as a potential of the supporting member.

7. A process cartridge according to Claim

15 6, wherein a side of the biasing member opposite to a side on which the biasing member is attached to the supporting member is attached to the drum frame.

20 8. A process cartridge according to any one of Claims 6-7, wherein the one end side of the supporting member protrudes from a side end portion of the developing frame on the one end side in the lengthwise direction of the developing

25 roller.

9. A process cartridge according to any

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one of Claims 6-7, wherein the biasing member is an extension coil spring, and an end portion of the biasing member on a side opposite to a side on which the biasing member is connected to the
5 supporting member includes a portion that contacts the developing contact portion.

10. An electrophotographic image forming apparatus to which a process cartridge is
10 detachably mountable for forming an image on a recording medium, the electrophotographic image forming apparatus comprising:

- (a) a-main-body-side developing contact portion;
- 15 (b) mounting means for detachably mounting the process cartridge, the process cartridge including: an electrophotographic photosensitive drum; a developing roller for developing an electrostatic latent image formed on the
20 electrophotographic photosensitive drum; a developing contact portion which, when the process cartridge is mounted to a main body of the electrophotographic image forming apparatus, contacts the main-body-side developing contact
25 portion for applying a voltage to the developing roller; a developing blade for regulating an amount of developer on a peripheral surface of the

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developing roller; a supporting member for
supporting the developing blade; a developing
frame that rotatably supports the developing
roller, and that supports the supporting member; a
5 drum frame that rotatably supports the
electrophotographic photosensitive drum, and that
is connected to the developing frame, wherein the
developing frame and the drum frame are rockable
with respect to each other; and a biasing member
10 that is attached to at least one end side of the
supporting member in a lengthwise direction of the
developing roller to bias the developing roller
toward the electrophotographic photosensitive drum,
the biasing member being in contact with the
15 developing contact portion, wherein the biasing
member applies a voltage received from the main
body by the developing contact portion to the
supporting member so that a potential of the
developing roller is the same as a potential of
20 the supporting member; and

(c) transporting means for transporting the
recording medium.

11. A developing blade for use in a
25 process cartridge for regulating an amount of
developer on a peripheral surface of a developing
roller, the process cartridge including: an

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electrophotographic photosensitive drum; a
developing roller for developing an electrostatic
latent image formed on the electrophotographic
photosensitive drum; a developing frame that
5 rotatably supports the developing roller; a drum
frame that rotatably supports the
electrophotographic photosensitive drum, and that
is connected to the developing frame, wherein the
developing frame and the drum frame are rockable
10 with respect to each other; and a biasing member
for biasing the developing roller toward the
electrophotographic photosensitive drum,

wherein the developing blade is supported
by a supporting member and is attached to the
15 developing frame, and

at least one end of the supporting member
in a lengthwise direction of the developing roller
is provided with an attachment portion to which
the biasing member is attached.

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